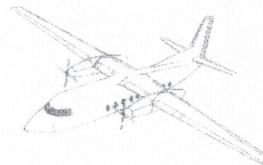


11 PARADISE COURT
CLONTARF
QLD. AUSTRALIA 4019

Phone : (07) 3283 3817
Fax: (07) 3319 6171
Mobile 0439 328 338

LOAD DATA SHEET

D. MacArthur & Associates
(NAME OF ORGANISATION)

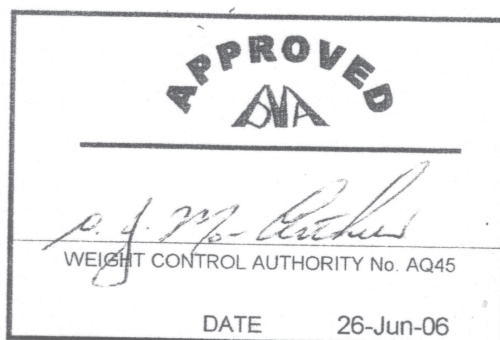


Aircraft Type Citabria Adventurer 7GCAA S/N 504-2006 Aircraft Reg VH-ZCA

Approved loading system Approved Flight Manual & Pilots Operating Manual

AUTHORISED	DATE	DATE OF EXPIRY	ISSUE
D. J. MacArthur	26-Jun-06	INDEFINITE SUBJECT TO C.A.O. 100.7	ONE

This LOAD DATA SHEET
has been prepared by the
VALIDATION
of cumulative data and not
by weighing the aircraft.



ITEM	WEIGHT Kg	ARM mm	MOMENT	INDEX * (IU)	CONFIGURATION (ALSO SEE EQUIPMENT LIST)
EMPTY WEIGHT	561.557	307	172505		TWO SEATS TOTAL
IMPERIAL					
	WEIGHT Lbs	ARM Inches	MOMENT		TWO SEATS TOTAL
EMPTY WEIGHT	1238.0	12.09	14973		

THE ABOVE WEIGHTS INCLUDE:

EMPTY WEIGHT: DRAINABLE UNUSABLE FUEL & FULL ENGINE OIL

LOAD SYSTEM

1) REFER TO FLIGHT MANUAL & SUPPLEMENTS FOR LOAD LIMITATIONS.



3730-504-2006

WORK ORDER

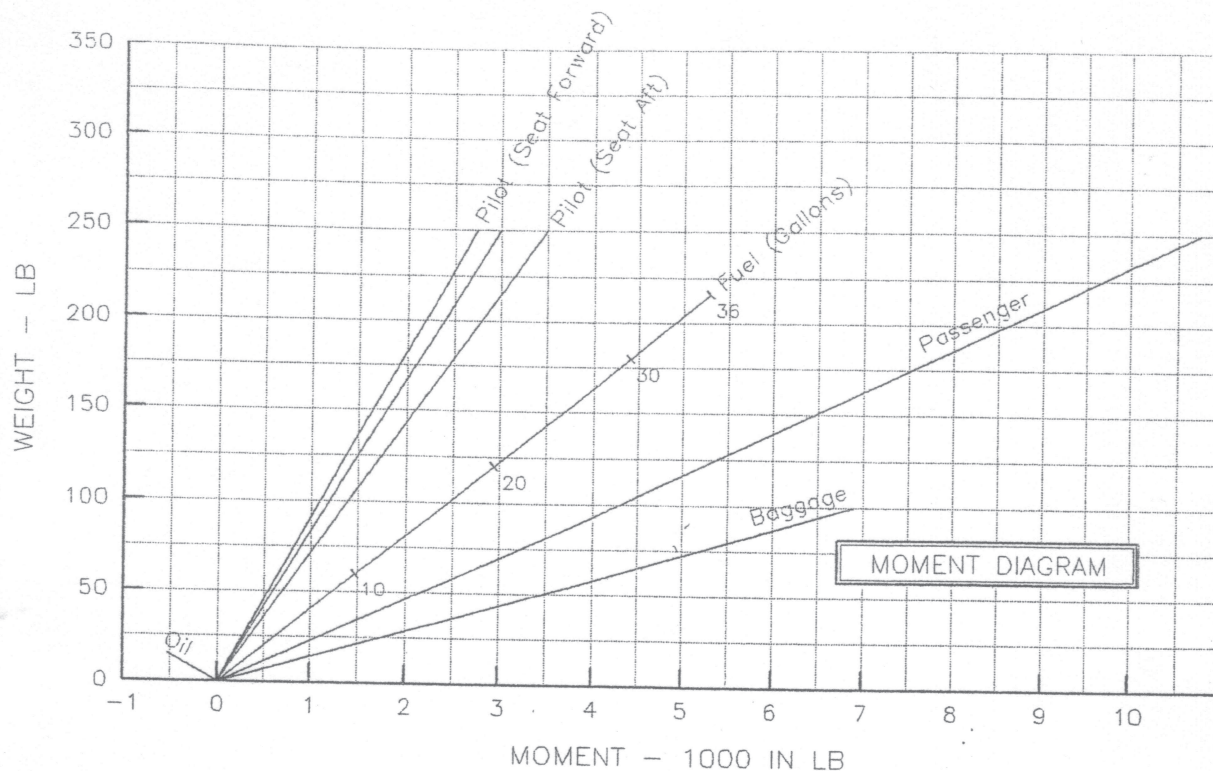
WB-3730

DATUM

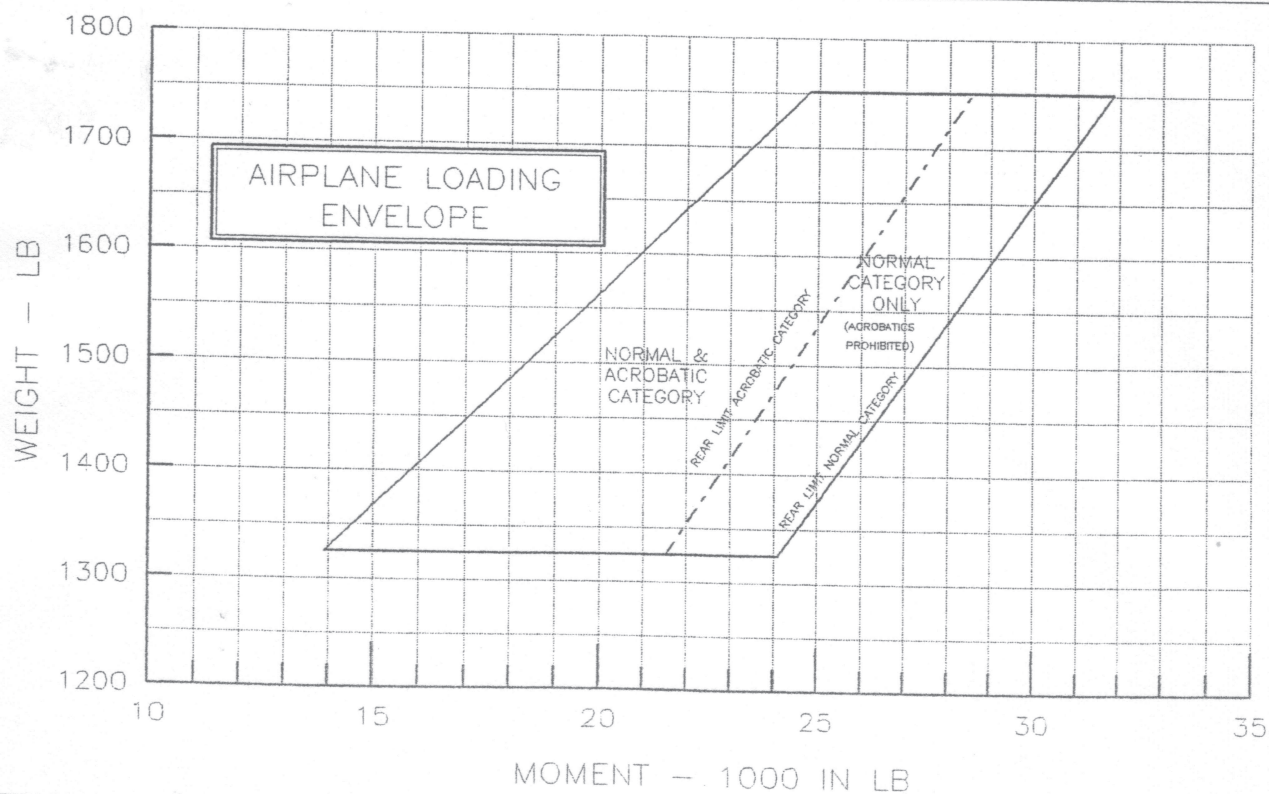
Wing Leading Edge

LOADING SCHEDULE 7GCAA

REVISED: 1-03-01



Add weights and moments of items in MOMENT DIAGRAM to airplane empty weight and moment. (negative oil moment) Locate intersection of total weight and moment on AIRPLANE LOADING ENVELOPE. Any point falling within the envelope meets all balance requirements.



Refer to flight operations manual

TAKE-OFF DISTANCE AND RATE OF CLIMB VS. ALTITUDE AND TEMPERATURE
AMERICAN CHAMPION MODELS 7ECA, 7GCBC, 7GCAA

MODEL		7ECA			7GCBC			7GCAA		
POWER		118 HP.			160 HP.			160 HP.		
PROP		72CKS8-0-52			74DM6S8-1-56			74DM6S8-1-56		
PRESSURE ALTITUDE	TEMP °F	T.O. DIST. FT.	50 FT. OBST. FT.	R/C FT/MIN	T.O. DIST. FT.	50 FT. OBST. FT.	R/C FT/MIN	T.O. DIST. FT.	50 FT. OBST. FT.	R/C FT/M
S/L	0	340	716	800	231	457	1240	289	535	1210
	20	372	763	775	254	491	1210	317	574	1180
	40	415	832	750	279	530	1170	350	618	1150
	60	455	895	725	305	567	1145	382	663	1120
	80	496	961	700	340	616	1110	417	713	1090
	100	544	1034	675	363	649	1090	453	763	1060
2000	0	407	860	695	272	536	1100	343	622	1080
	20	444	929	660	294	573	1070	376	671	1050
	40	492	1004	635	331	629	1030	414	727	1020
	60	543	1086	610	374	684	1010	452	784	990
	80	597	1174	585	397	733	980	497	846	960
	100	655	1269	560	433	777	950	538	904	930
4000	0	482	1043	575	324	635	980	401	738	950
	20	538	1147	545	360	695	930	448	806	920
	40	589	1239	520	393	746	900	479	857	890
	60	640	1329	495	458	834	870	527	925	860
	80	690	1432	470	474	870	840	573	991	830
	100	788	1580	450	522	935	820	643	1086	800
6000	0	576	1301	465	385	763	840	479	886	820
	20	640	1432	435	421	827	800	529	962	790
	40	707	1562	410	472	905	770	582	1040	760
	60	789	1716	385	522	981	740	647	1133	730
	80	858	1858	365	568	1043	720	706	1226	700
	100	968	2058	340	626	1137	690	760	1304	680
8000	0			350			700			690
	20			325			670			660
	40			300			640			630
	60			275			610			600
	80			245			530			570
	100			225			550			540

ALL FIGURES ARE MAXIMUM PERFORMANCE AT GROSS WEIGHT. TAKE-OFF IN 7GCBC MADE WITH 2 NOTCHES OF FLAP UNTIL AIRBOURNE. TAKE-OFF DISTANCE ON DRY PAVEMENT.